WorleyParsons Komex
resources & energy

Environment & Water Resources
3901 Via Oro Avenue, Suite 100
Long Beach, CA 90810 USA
Telephone: +1 310 547 6400
Facsimile: +1 310 547 6410
worleyparsons.com

19 July 2007

Proj. No.: H0287D
File Loc.: Long Beach

Mr. John Nebu
Department of Toxics Substances Control
5796 Corporate Avenue
Cypress, California 90630

Dear Mr. Nebu:

RE: SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT, ASSOCIATED PLATING COMPANY, 9636 ANN STREET SANTA FE SPRINGS, CALIFORNIA

WorleyParsons Komex is pleased to submit the attached Second Quarter 2007 Groundwater Monitoring Report for the Associated Plating Company (APC) located at 9636 Ann Street, in the city of Santa Fe Springs, California. This report presents the results obtained from the groundwater sampling conducted at the APC facility in May 2007. If you have any questions or comments, feel free to call at (310) 547-6349.

Sincerely,
WorleyParsons Komex

Lee Paprocki

Lee Paprocki, P.G.
Project Manager

cc: Mr. Michael Evans
Associated Plating Corporation
9636 Ann Street
Santa Fe Springs, CA 90670

Mr. Clare Golnick
FX-6: Personal Privacy

Mr. Dave Klunk
Santa Fe Springs Fire Department
Hazardous Materials Division
11300 Greenstone Avenue
Santa Fe Springs, CA 90670

WorleyParsons Komex

resources & energy

ASSOCIATED PLATING COMPANY

Second Quarter 2007 Groundwater Monitoring Report

Associated Plating Company, 9636 Ann Street, Santa Fe Springs, California

H0287D

19 July 2007

Environment & Water Resources

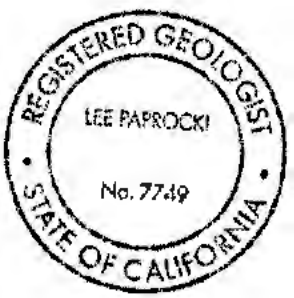
3901 Via Oro Ave., 1st Floor
Long Beach, CA 90810 USA
Telephone: +1 310 547 6400
Facsimile: +1 310 547 6410
worleyparsons.com

ASSOCIATED PLATING COMPANY
SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
ASSOCIATED PLATING COMPANY, 9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

Lee Paprocki, a California Professional Geologist, as an employee of WorleyParsons Komex, with expertise in contaminant assessment and remediation, and groundwater hydrology, has reviewed the report with the title **Second Quarter 2007 Groundwater Monitoring Report, APC Facility, 9636 Ann Street, Santa Fe Springs, California**. Her signature and stamp appear below.

Lee Paprocki

Professional Geologist 7749



ASSOCIATED PLATING COMPANY
SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
ASSOCIATED PLATING COMPANY, 9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

Disclaimer

The information presented in this document was compiled and interpreted exclusively for the purposes stated in Section 1 of the document. WorleyParsons Komex provided this report for Associated Plating Company solely for the purpose noted above.

WorleyParsons Komex has exercised reasonable skill, care, and diligence to assess the information acquired during the preparation of this report, but makes no guarantees or warranties as to the accuracy or completeness of this information. The information contained in this report is based upon, and limited by, the circumstances and conditions acknowledged herein, and upon information available at the time of its preparation. The information provided by others is believed to be accurate but cannot be guaranteed.

WorleyParsons Komex does not accept any responsibility for the use of this report for any purpose other than that stated in Section 1 and does not accept responsibility to any third party for the use in whole or in part of the contents of this report. Any alternative use, including that by a third party, or any reliance on, or decisions based on this document, is the responsibility of the alternative user or third party.

CONTENTS

ASSOCIATED PLATING COMPANY
SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
ASSOCIATED PLATING COMPANY, 9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

Tables

Figures

Appendices

LIST OF ACRONYMS AND ABBREVIATIONS

APC	Associated Plating Company
bgs	below ground surface
cis-1,2-DCE	cis-1,2-dichloroethene
COC	chain-of-custody
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
ft/ft	feet per foot
LNAPL	light non-aqueous phase liquid
MSL	mean sea level
ug/L	micrograms per liter
mg/L	milligrams per liter
ml	milliliter
QA	quality assurance
QC	quality control
PCE	tetrachloroethene
TCE	trichloroethene
TPH	total petroleum hydrocarbons
trans-1,2-DCE	trans-1,2-dichloroethene
VC	vinyl chloride
VOA	volatile organic analysis
VOCs	volatile organic compounds

ASSOCIATED PLATING COMPANY
SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
ASSOCIATED PLATING COMPANY, 9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

1. INTRODUCTION

This document has been prepared by WorleyParsons Komex on behalf of the Associated Plating Company (APC). The report summarizes the groundwater sampling conducted at 9636 Ann Street, Santa Fe Springs, California (herein referred to as the Site). The Site is located in Santa Fe Springs, California at an elevation of approximately 150 feet above mean sea level (MSL) with a local topographic gradient of less than 20 feet per mile to the southeast (Figures 1 and 2).

Monitoring wells, MW-1 through MW-4, were installed at the Site on April 5 and 6, 2006 (Table 1) and were first sampled a week later (Figure 3). Groundwater sampling and analysis completed at the Site during April 2006 identified the presence of chlorinated solvents and petroleum hydrocarbons.

The Department of Toxic Substances Control (DTSC), in their letter dated December 14, 2005 and in a meeting on August 22, 2006, requested that quarterly groundwater sampling be continued for one year. Therefore, second quarter groundwater sampling was conducted in May 2007 and is summarized in this report.

1.1 Geology and Hydrogeology

1.1.1 Regional Geology and Hydrogeology

Los Angeles County is underlain by the Los Angeles County Coastal Plain and is bounded by the Santa Monica Mountains to the north, the low lying Elysian, Repetto, Merced, and Puente Hills to the northeast, a political boundary coinciding with the boundary between Los Angeles County and Orange County to the southeast, and the Pacific Ocean to the southwest. Alluvial fans formed by the Los Angeles, Rio Hondo, and San Gabriel Rivers systems have coalesced to form the Downey Plain, which represents the largest area of recent alluvial deposition in the Coastal Plain. The Downey Plain is bordered by the La Brea, Montebello, and Santa Fe Spring Plains, and the Coyote hills to the north and northeast, the Newport Inglewood uplift to the southwest, and the Coastal Plain of Orange County to the southeast (DWR, 1961). The Downey Plain slopes gently to the south with an average gradient of less than 18 feet per mile. The Site is located between the Downey Plain and the Santa Fe Springs Plain. The Santa Fe Springs Plain is located south of Whittier and east of the San Gabriel River, in the area of the City of Santa Fe Springs. The Santa Fe Springs Plain is a low, slightly rolling topographic feature and represents a continuation of the Coyote Hills Uplift to the southeast.

The Coastal Plain of Los Angeles County is a deep groundwater reservoir filled by unconsolidated alluvial sands, gravels, clays, and silts. Fresh-water aquifers extend to depths of over 2,000 feet. The California Department of Water Resources (DWR) divided the coastal plain into four groundwater basins: the Santa Monica Basin, the West Coast Basin, the Hollywood Basin, and the Central Basin (DWR, 1961). The Site lies within the Central Basin, which is further divided into four parts for descriptive purposes: the Los Angeles Forebay Area, the Montebello Forebay Area, the Whittier Area, and the Central Basin Pressure Area.

The Site is located in the Central Basin Pressure Area. The Central Basin Pressure Area is called a "pressure area" because the aquifers within it are confined by aquicludes over most of the area. The major regional aquitards and aquifers beneath the Site occur in the Recent Alluvium, the Upper Pleistocene Lakewood Formation, and the Lower Pleistocene San Pedro Formation. Depth intervals for the major regional hydro-stratigraphic units (aquitards and aquifers) in the Site vicinity are presented in the table below:

Regional Hydro-stratigraphic Unit	Formation	Approximate Depth Intervals (feet below ground surface)
Bellflower Aquitard	Recent Alluvium	0 – 30
Gaspur	Recent Alluvium	30 – 65
Gage	Lakewood	65 – 110
Hollydale-Jefferson	San Pedro	110 - 130
Lynwood	San Pedro	130 – 210
Silverado	San Pedro	210 – 360
Sunnyside	San Pedro	360 - 610

1.1.2 Site Geology

The Site is underlain with artificial fill composed primarily of silt from the ground surface to an approximate depth of 7 feet below ground surface (bgs). At approximately 7 feet bgs a concrete pad is encountered, which is approximately four inches thick. Underlying the concrete pad is a silt and clay layer that extends to approximately 25 feet bgs. Below the silt and clay layer is a sand and gravelly

sand layer that extends to at least 48 feet bgs (Figure 4). Both the silt and clay layer and the sand and gravel layer correspond to the Recent Alluvium.

1.1.3 Site Hydrogeology

In April 2006, first groundwater was detected between 34 and 38 feet bgs (approximately 112 feet MSL) and corresponds to the Gaspur Aquifer. In May 2007, water levels were between 33.26 and 37.32 feet bgs. Groundwater flow varies between the southwest and south-southeast at an approximate gradient of 0.003 feet per foot (ft/ft).

1.2 Site Conceptual Model

In accordance with the Site conceptual model developed below, the subsurface at the Site and Site vicinity was previously divided into three operable units: Operable Unit 1 (OU-1), Operable Unit 2 (OU-2), and Operable Unit 3 (OU-3) (Figure 4). OU-1 consists of fill material underlying the Site from ground surface to the top of the buried concrete pad (approximately 7 feet bgs). OU-2 consists of on-Site soils and the first groundwater zone, from the base of the concrete pad to approximately 50 feet bgs. OU-3 consists of the off-Site soils and the first groundwater zone.

Fill material in OU-1 is impacted by petroleum hydrocarbons (C7 to C36), fuel volatile organic compounds (VOCs), probably representing pre-existing contamination from the former storage tank, and chlorinated solvent compounds, consistent with releases of tetrachloroethene (PCE) from the APC facility.

2. GROUNDWATER SAMPLING

2.1 Groundwater Gauging and Sampling Procedures

Well construction details for the four groundwater monitoring wells (MW-1 through MW-4) are included in Table 1. On May 16, 2007, the four monitoring wells were gauged, then purged and sampled. Following gauging, the wells were purged of at least three well volumes of water, allowed to recover, and then sampled. Groundwater gauging and sampling field notes are provided in Appendix 1.

2.2 Waste Disposal

Waste generated as part of this investigation included purged groundwater and decontamination water used during sampling. Water was contained in two Department of Transportation (DOT) approved 55-gallon drums and temporarily stored at the Site prior to disposal. On June 8, 2002, groundwater and decontamination water were removed from the Site and transported to a suitable off-Site disposal facility by a licensed non-hazardous waste hauler. The waste manifest is provided in Appendix 2.

2.3 Quality Assurance/Quality Control Sampling

Field quality assurance/quality control (QA/QC) samples were collected on May 16, 2007, during groundwater sampling activities. An equipment rinsate blank was collected from the groundwater electric pump by running distilled water through the pump hose into two 40-milliliter (ml) volatile organic analysis (VOA) vials. A field blank was collected by filling two 40 ml VOA vial with distilled water, leaving them exposed to ambient air during collection of the equipment blank, and then sealing them. A trip blank, consisting of one sealed 40 ml VOA vial filled with distilled water, was obtained from the laboratory and kept in the ice-chest throughout the day to evaluate if there was any introduction of VOCs during storage and transportation.

2.4 Laboratory Analyses

Monitoring well groundwater samples and QA/QC samples were labeled, placed in an ice chest, and delivered under chain-of-custody (COC) to Sierra Analytical Inc. of Laguna Hills, California, within 24 hours of collection. The samples were analyzed for the following:

- Total petroleum hydrocarbons (TPH), ranging from C7 to C36, in accordance with USEPA Method 8015B; and
- VOCs in accordance with USEPA Method 8260B.

3. GROUNDWATER RESULTS

3.1 Groundwater Results

Groundwater depths in the four monitoring wells ranged from 33.26 to 37.32 feet bgs (113.67 to 113.45 feet MSL) (Table 2). During this sampling event, groundwater flow was generally towards the southwest at a gradient of 0.003 ft/ft (Figure 5).

A sheen of light non-aqueous phase liquid (LNAPL) was observed on the product level probe in two monitoring wells: MW-3 and MW-4.

Groundwater gauging and laboratory analytical results are provided in Tables 2, 3 and 4. The complete laboratory report, including COC and laboratory QA/QC analyses, is provided in Appendix 3.

TPH groundwater results are presented in Table 3. Petroleum hydrocarbons were detected in groundwater collected from all four monitoring wells. The lateral distribution of TPH in groundwater for this sampling event is depicted in Figure 6. Overall, TPH concentrations in groundwater have decreased from April 2006 to May 2007. Within this year of groundwater monitoring, TPH concentrations have decreased from April 2006 to November 2006 and recently increased from November 2006 to May 2007.

VOC groundwater results are presented in Table 4 and Figure 7. Historical groundwater results are included in Table 4.

PCE has consistently not been detected above the laboratory reporting limits in groundwater collected from upgradient well MW-1. Trichloroethene (TCE) concentrations detected in groundwater collected from well MW-1 have increased significantly from 1.3 micrograms per liter (ug/L) in April 2006 to 41 ug/L in May 2007. Vinyl chloride (VC) concentrations detected in groundwater collected from well MW-1 have decreased from 20 ug/L in April 2006 to 13 ug/L in May 2007. Cis-1,2-Dichloroethene (cis-1,2-DCE) and trans- 1,2 - Dichloroethene (trans-1,2-DCE) concentrations in groundwater from well MW-1 have remained fairly constant at approximately 5 ug/L.

PCE, TCE, cis-1,2-DCE, and trans-1,2-DCE have consistently not been detected above the laboratory reporting limits in groundwater collected from well MW-2. VC concentrations have decreased from 50 ug/L in April 2006 to 24 ug/L in May 2007.

PCE, TCE, cis-1,2-DCE, and trans-1,2-DCE have consistently not been detected in groundwater collected from well MW-3. VC concentrations have decreased slightly in groundwater collected from well MW-3, from 53 ug/L in April 2006 to 32 ug/L in May 2007.

PCE concentrations in groundwater collected from well MW-4 have increased in groundwater, from 2.7 ug/L in April 2006 to 15 ug/L in May 2007. This quarter, TCE was detected in groundwater at a concentration of 4.0 ug/L. Trans-1,2-DCE was not detected above the laboratory reporting limit. Cis-1,2-DCE was detected in groundwater collected during the last three quarterly events, at concentrations between 1 and 2 ug/L. VC concentrations collected in groundwater from well MW-4 have consistently decreased every quarter, from a maximum detected concentration of 57 ug/L in April 2006 to a minimum concentration of 24 ug/L in May 2007.

3.2 QA/QC Analytical Results

The results of QA/QC sample analyses are provided in Table 5. A review of the laboratory analytical report indicates that all internal laboratory QA/QC calibration checks, matrix spike, and matrix spike duplicate recoveries were within acceptable ranges (Appendix 3). VOCs were not detected above the laboratory reporting limit in the field or trip blank. Despite proper decontamination procedures, two VOCs were detected in the equipment blank. 1,2,3-Trichloropropane and TCE were detected in the equipment rinsate blank at concentrations of 1.9 ug/L and 1.8 ug/L, respectively. 1,2, 3-Trichloropropane has not been detected in groundwater beneath the Site. The TCE detection of 1.8 ug/L is significantly less than maximum detected concentration of TCE (41 ug/L), but is of the same order as the minimum detected concentration of 4.0 ug/L of TCE. Therefore, the detection of 4.0 ug/L in well MW-4 is likely an estimate. For any future groundwater sampling, additional decontamination procedures will be performed.

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

In May 2007, groundwater flow beneath the Site was towards the southwest at a gradient of 0.003 ft/ft and depth to groundwater ranged from to 33.26 to 37.32 feet bgs (113.67 to 113.45 feet MSL).

TCE concentrations have increased from April 2006 to May 2007 in groundwater collected from the upgradient well MW-1. VC concentrations in groundwater from well MW-1 have generally decreased. Generally, chlorinated solvent concentrations in downgradient groundwater have remained fairly constant. PCE, TCE, cis-1,2-DCE, and trans-1,2-DCE have consistently not been detected in groundwater collected from wells MW-2 and MW-3. Chlorinated solvent concentrations in groundwater collected from well MW-4 have remained fairly constant with the exception of PCE, which has increased, and VC which has decreased.

4.2 Recommendations

In accordance with the DTSC's request, a full year of quarterly groundwater sampling events have been conducted at the Site. Based on the contaminant trends, it is recommended that a year of semi-annual groundwater sampling be conducted. Based on the previous sampling schedule, the proposed semi-annual sampling schedule would consist of groundwater sampling in November 2007 and May 2008. Semi-annual groundwater reports would be submitted by January 31, 2008 and July 31, 2008, respectively.

5. CLOSURE

We trust that this report satisfies your current requirements and provides suitable documentation for your records. If you have any questions or require further details, please contact the undersigned at any time.

Respectfully Submitted:
WorleyParsons Komex

Lindsay Masters
Staff Geologist

Senior Review by

Lee Paprocki, PG
Project Manager

6. REFERENCES

DWR, 1961. Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County. Bulletin No. 104. Appendix A Ground Water Geology. State of California Department of Water Resources Southern District. Dated June 1961.

WorleyParsons Komex

resources & energy

Table 1

Monitoring Well Construction Details

Associated Plating Company

Well ID	Drilling Method	Installation Date	Well Casing Diameter (inches)	Latitude	Longitude	Wellhead Elevation (feet amsl)	Top of Casing Elevation (ft amsl)	Well Depth (feet bgs)	Well Depth (feet amsl)	Screen Slot Size (inches)	Screened Interval (feet bgs)	Screened Interval (feet amsl)
MW-1	HSA	4/5/2006	2	33.9527753	-118.0593	147.36	146.93	43.0	103.9	0.01	33 to 43	114.35 to 104.35
MW-2	HSA	4/5/2006	2	33.9524570	-118.0592	149.81	149.41	47.0	102.4	0.01	37 to 47	112.79 to 102.79
MW-3	HSA	4/6/2006	2	33.9523123	-118.0593	151.06	150.67	47.0	103.7	0.01	37 to 47	114.04 to 104.04
MW-4	HSA	4/6/2006	2	33.9522795	-118.0595	151.13	150.77	47.0	104.1	0.01	37 to 47	114.13 to 104.13

Notes:

1) amsl = above mean sea level

2) bgs = below ground surface

3) HSA = hollow stem auger

WorleyParsons Komex

resources & energy

Table 2

Groundwater Elevations
Associated Plating Company

Well ID	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet btoc)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-1	146.93	04/12/06	34.33	Sheen	112.60
		08/31/06	33.03	Sheen	113.90
		11/13/06	33.55	Sheen	113.38
		02/14/07	33.80	Sheen	113.13
		05/16/07	33.26	0.00	113.67
MW-2	149.41	04/12/06	36.87	0.00	112.54
		08/31/06	35.62	Sheen	113.79
		11/13/06	36.05	Sheen	113.36
		02/14/07	36.29	Sheen	113.12
		05/16/07	35.82	0.00	113.59
MW-3	150.67	04/12/06	38.20	Sheen	112.47
		08/31/06	36.89	0.00	113.78
		11/13/06	37.38	0.01	113.30
		02/14/07	37.62	Sheen	113.05
		05/16/07	37.05	Sheen	113.62
MW-4	150.77	04/12/06	38.36	Sheen	112.41
		08/31/06	37.04	Sheen	113.73
		11/13/06	37.54	Sheen	113.23
		02/14/07	37.79	Sheen	112.98
		05/16/07	37.32	Sheen	113.45

Notes:

1) bgs = Below ground surface
2) amsl = above mean sea level
3) btoc = below top of casing
4) Groundwater elevations are corrected for the presence of measurable free product using a specific gravity of 0.88

WorleyParsons Komex
resources & energy

Table 3
TPH Carbon Range Groundwater Results
Associated Plating Company

Analyte	Units	MW-1 4/12/06	MW-1 8/31/06	MW-1 11/13/06	MW-1 2/14/07	MW-1 5/16/07	MW-2 4/12/06	MW-2 8/31/06	MW-2 11/13/06	MW-2 2/14/07	MW-2 5/16/07	MW-3 4/12/06	MW-3 8/31/06	MW-3 11/13/06	MW-3 2/14/07	MW-3 5/16/07	MW-4 4/12/06	MW-4 8/31/06	MW-4 11/13/06	MW-4 2/14/07	MW-4 5/16/07
<C8	mg/L	<0.10	<0.10	<0.010	<0.20	<0.010	<1.0	0.11	0.014	<0.20	<0.20	<1.0	0.051	0.033	<0.20	<0.20	<1.0	0.084	0.060	<0.20	<0.20
C8-C9	mg/L	<0.10	<0.10	<0.010	<0.20	<0.010	<1.0	0.040	<0.010	<0.20	<0.20	<1.0	0.014	<0.010	<0.20	<0.20	<1.0	0.031	0.010	<0.20	<0.20
C9-C10	mg/L	<0.10	<0.10	0.010	<0.20	0.030	1.1	0.073	<0.010	<0.20	<0.20	<1.0	0.030	0.018	<0.20	<0.20	<1.0	0.056	0.040	<0.20	<0.20
C10-C11	mg/L	0.33	0.13	0.029	<0.20	0.096	2.0	0.16	0.015	<0.20	<0.20	<1.0	0.076	0.089	0.82	<0.20	<1.0	0.13	0.13	<0.20	<0.20
C11-C12	mg/L	0.66	0.20	0.047	1.3	0.20	2.8	0.14	0.028	0.98	<0.20	<1.0	0.087	0.091	1.2	0.40	<1.0	0.17	0.12	1.2	0.40
C12-C14	mg/L	5.1	1.2	0.28	1.2	0.79	5.9	0.70	0.17	1.4	1.0	<1.0	0.26	0.44	3.1	2.5	1.8	0.40	0.68	1.4	2.4
C14-C16	mg/L	6.7	1.6	0.42	1.7	0.87	5.8	0.76	0.16	1.5	1.8	1.5	0.34	0.43	2.5	2.5	5.4	0.56	0.46	1.4	2.4
C16-C18	mg/L	6.8	1.6	0.50	0.70	0.79	5.0	0.63	0.14	0.72	1.4	<1.0	0.24	0.37	1.9	1.8	4.4	0.39	0.42	1.2	1.9
C18-C20	mg/L	4.1	0.94	0.29	1.1	0.60	3.6	0.54	0.18	1.1	1.7	1.1	0.19	0.27	1.6	2.0	4.0	0.27	0.27	0.60	2.0
C20-C24	mg/L	12	2.4	0.71	1.8	1.4	7.0	1.1	0.083	1.3	2.2	<1.0	0.29	0.34	2.9	2.9	5.2	0.48	0.48	1.6	2.7
C24-C28	mg/L	16	4.2	0.84	2.0	1.7	7.1	1.3	0.074	1.7	3.7	2.6	0.31	0.32	3.1	3.7	9.6	0.57	0.43	1.5	3.4
C28-C32	mg/L	12	3.9	0.62	2.9	0.78	10	1.1	0.16	2.6	7.0	35	0.23	0.27	4.0	5.9	27	0.46	0.30	2.4	5.9
>C32	mg/L	0.65	0.28	0.037	0.94	0.040	3.5	0.046	0.010	0.84	0.82	4.3	0.015	0.017	1.4	0.66	2.6	0.030	0.019	1.1	0.64
Total C7-C36	mg/L	65	16	3.8	14	7.3	54	6.7	1.0	12	20	46	2.1	2.7	23	22	60	3.6	3.4	12	22

Notes:
1) TPH = total petroleum hydrocarbons (carbon range) analyzed using EPA Method 8015B
2) mg/L = milligrams per liter
3) <0.10 = compound not detected at or above the indicated laboratory reporting limit
4) Bold type indicates compound was detected.

WorleyParsons Komex
resources & energy

Table 4
VOC Groundwater Results
Associated Plating Company

Analyte	Units	Location	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4
		Date	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07
1,1,1,2-Tetrachloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<1.0	**1.5**	<1.0
1,1,2-Trichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropylene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**	**3.4**	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane (DBCP)	ug/L		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**8.3**	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Phenylbutane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	**16**	**12**	**8.9**	**11**	**14**	**16**	**11**	**8.1**	**14**	**16**	**16**	**13**	**9.0**	**16**	**15**
4-Chlorotoluene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	ug/L		**1.3**	<1.0	<1.0	<1.0	<1.0	**2.3**	**3.1**	**2.8**	**3.0**	**2.6**	**2.0**	**3.7**	**3.4**	**2.9**	**2.1**	**3.6**	**7.6**	**8.4**	**6.9**	**6.2**
Bromobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Butylbenzene,n-	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CFC-11	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
CFC-12	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene (cis 1,2-DCE)	ug/L		**5.5**	**8.4**	**8.3**	**15**	**5.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.1**	**2.2**
cis-1,3-Dichloropropene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cymene	ug/L		**3.2**	**1.8**	**2.0**	**2.4**	**2.3**	**4.1**	**3.2**	**2.9**	**3.4**	**4.1**	**1.4**	<1.0	<1.0	<1.0	**4.1**	**4.1**	<1.0	**2.6**	**4.3**	**4.0**
Dibromomethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl Ether (DIPE)	ug/L		--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--

WorleyParsons Komex

resources & energy

Table 5

Field Quality Assurance/Quality Control Sample Results

Associated Plating Company

		Sample Type	Equipment Blank					Field Blank					Trip Blank				
		Sample Date	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07
Analyte	Units	Sample ID	EB-41206	EB083106	EB-111306	EB-021407	EB-51607	FB-41206	FB083106	FB-111306	FB-021407	FB-51607	TB-41206	TB083106	TB-111306	TB-21407	TB-51607
TPH - Carbon Range																	
<C8	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C8-C9	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C9-C10	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C10-C11	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C11-C12	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C12-C14	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C14-C16	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C16-C18	mg/L		<0.010	<0.010	**0.038**	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C18-C20	mg/L		<0.010	<0.010	**0.048**	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C20-C24	mg/L		<0.010	<0.010	**0.089**	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C24-C28	mg/L		<0.010	<0.010	**0.064**	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
C28-C32	mg/L		<0.010	<0.010	**0.030**	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
>C32	mg/L		<0.010	<0.010	<0.010	--	--	<0.010	<0.010	<0.010	--	--	--	--	--	--	--
Total C7-C36	mg/L		<0.050	<0.050	**0.32**	--	--	<0.050	<0.050	<0.050	--	--	--	--	--	--	--
VOCs																	
1,1,1,2-Tetrachloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropylene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/L		<5.0	<1.0	<1.0	<1.0	**1.9**	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-Chloropropane (DBCP)	ug/L		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Phenylbutane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Butylbenzene,n-	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CFC-11	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
CFC-12	ug/L		<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobromomethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

WorleyParsons Komex

resources & energy

Table 5

Field Quality Assurance/Quality Control Sample Results
Associated Plating Company

	Sample Type	Equipment Blank					Field Blank					Trip Blank				
	Sample Date	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07
Analyte	Units / Sample ID	EB-41206	EB083106	EB-111306	EB-021407	EB-51607	FB-41206	FB083106	FB-111306	FB-021407	FB-51607	TB-41206	TB083106	TB-111306	TB-21407	TB-51607
Chlorodibromomethane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/L	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/L	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene (cis 1,2-DCE)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cymene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl Ether (DIPE)	ug/L	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--
Ethylbenzene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethyl-tert-butyl Ether (ETBE)	ug/L	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--
Hexachloro-1,3-Butadiene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	ug/L	<1.0	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl-tert-Butyl Ether (MTBE)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Propylbenzene,n-	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene (Monomer)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-amyl-methyl Ether (TAME)	ug/L	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--
tert-butyl Alcohol (TBA)	ug/L	--	<5.0	--	--	--	--	<5.0	--	--	--	--	<5.0	--	--	--
tert-Butylbenzene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene (PCE)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/L	<1.0	<1.0	**11**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tribromomethane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/L	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride (VC)	ug/L	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Xylene, O-	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene, P-, M-	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

1) TPH = total petroleum hydrocarbons (carbon range) analyzed using EPA Method 8015B
2) VOCs = volatile organic compounds analyzed using EPA Method 8260B
3) mg/L = milligrams per liter
4) ug/L = micrograms per liter
5) <1.0 = compound not detected at or above the indicated laboratory reporting limit
6) Bold type indicates compound was detected.
7) -- = not analyzed

WorleyParsons Komex

resources & energy

Table 4

VOC Groundwater Results

Associated Plating Company

Analyte	Units	Location	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4
		Date	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07	4/12/06	8/31/06	11/13/06	2/14/07	5/16/07
Ethylbenzene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**21**	**3.1**	**1.1**	**1.0**	<1.0	**1.5**	<1.0	<1.0	<1.0	<1.0
Ethyl-tert-butyl Ether (ETBE)	ug/L		--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--
Hexachloro-1,3-Butadiene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	ug/L		**1.9**	<1.0	<1.0	<1.0	<1.0	**75**	**57**	**44**	**50**	**53**	**83**	**74**	**50**	**76**	**88**	**86**	**87**	**59**	**81**	**78**
Methylene Chloride	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl-tert-Butyl Ether (MTBE)	ug/L		**8.9**	**2.0**	**1.0**	<1.0	<1.0	**3.5**	**3.0**	**2.4**	**1.9**	**1.9**	**1.9**	**2.2**	**1.8**	**1.4**	**1.1**	**3.0**	**2.8**	**2.2**	**1.3**	**1.5**
Naphthalene	ug/L		**1.6**	<1.0	<1.0	<1.0	<1.0	**16**	**12**	**4.6**	**1.9**	<1.0	**46**	**8.7**	**2.6**	**2.1**	**2.2**	**4.5**	**1.9**	<1.0	<1.0	<1.0
Propylbenzene,n-	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	**9.4**	**3.5**	**3.1**	**3.6**	**3.7**	**22**	**5.3**	**4.8**	**6.0**	**4.4**	**10**	**8.9**	**7.0**	**6.1**	**5.2**
Styrene (Monomer)	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-amyl-methyl Ether (TAME)	ug/L		--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--	--	<1.0	--	--	--
tert-butyl Alcohol (TBA)	ug/L		--	<5.0	--	--	--	--	<5.0	--	--	--	--	<5.0	--	--	--	--	<5.0	--	--	--
tert-Butylbenzene	ug/L		**1.6**	<1.0	<1.0	<1.0	**1.3**	**1.9**	**1.7**	**1.4**	**1.6**	**2.4**	<1.0	**3.4**	**1.2**	**1.8**	<1.0	<1.0	**1.4**	**1.2**	**2.1**	**1.7**
Tetrachloroethene (PCE)	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.7**	**1.2**	**3.6**	**5.8**	**15**
Toluene	ug/L		<1.0	<1.0	**15**	<1.0	<1.0	<1.0	<1.0	**10**	<1.0	<1.0	<1.0	**1.6**	**8.5**	<1.0	<1.0	<1.0	<1.0	**5.6**	<1.0	<1.0
trans-1,2-Dichloroethene	ug/L		**5.2**	**3.6**	**4.0**	**9.2**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tribromomethane	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (TCE)	ug/L		**1.3**	**21**	**28**	**55**	**41**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	**4.0**
Vinyl Chloride (VC)	ug/L		**20**	**9.9**	**6.6**	**7.4**	**13**	**50**	**47**	**21**	**29**	**24**	**53**	**58**	**34**	**44**	**32**	**57**	**54**	**36**	**34**	**24**
Xylene, O-	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene, P-, M-	ug/L		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**28**	**3.1**	**1.6**	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

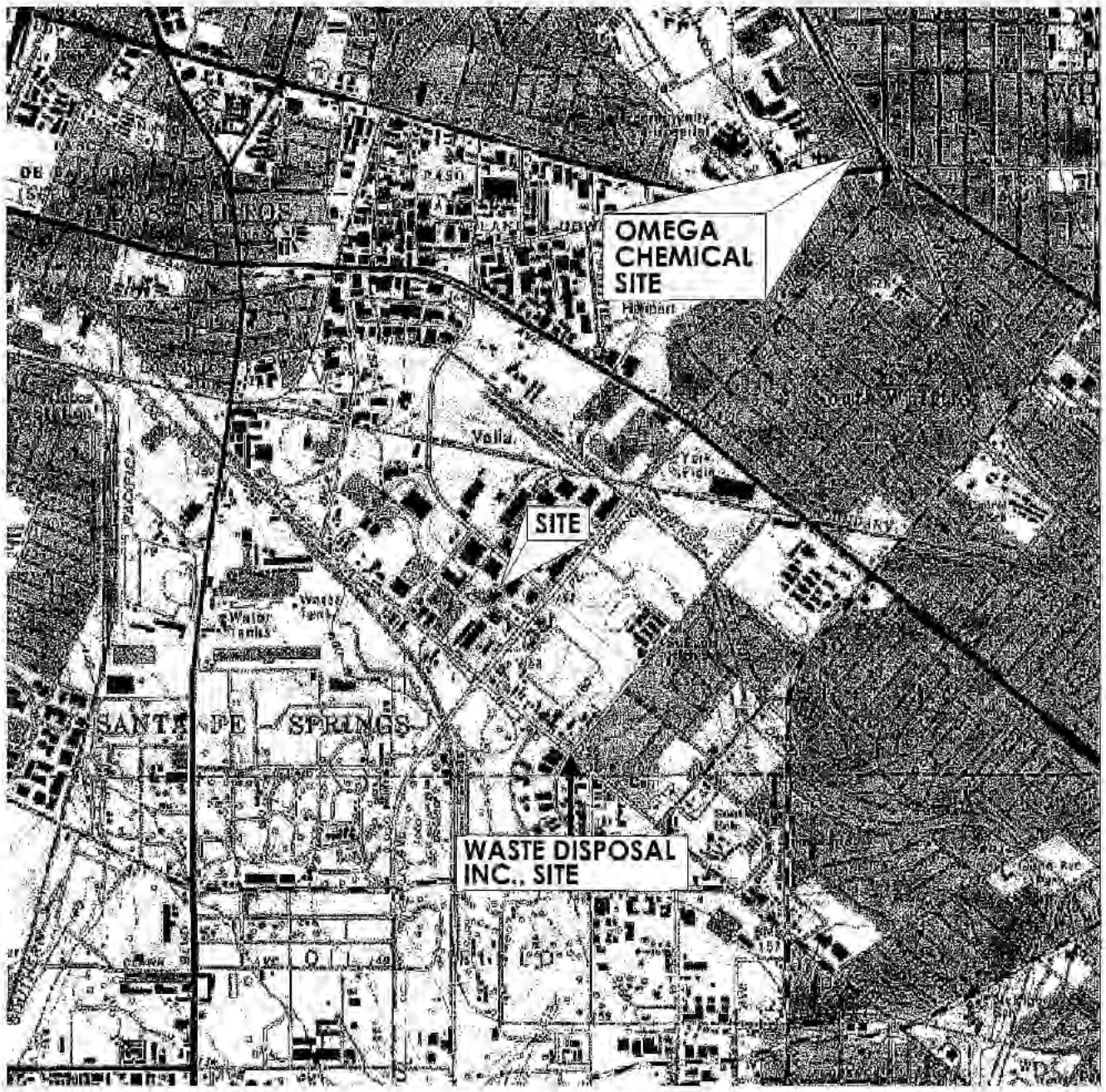
1) VOC = volatile organic compounds analyzed using EPA Method 8260B

2) ug/L = micrograms per liter

3) <1.0 = compound not detected at or above the indicated laboratory reporting limit

4) -- = not analyzed

5) Bold type indicates compound was detected.



Source: United States Geological Survey, "South Whittier," 7.5 Minute Quadrangle, 1998

N

0 2,000

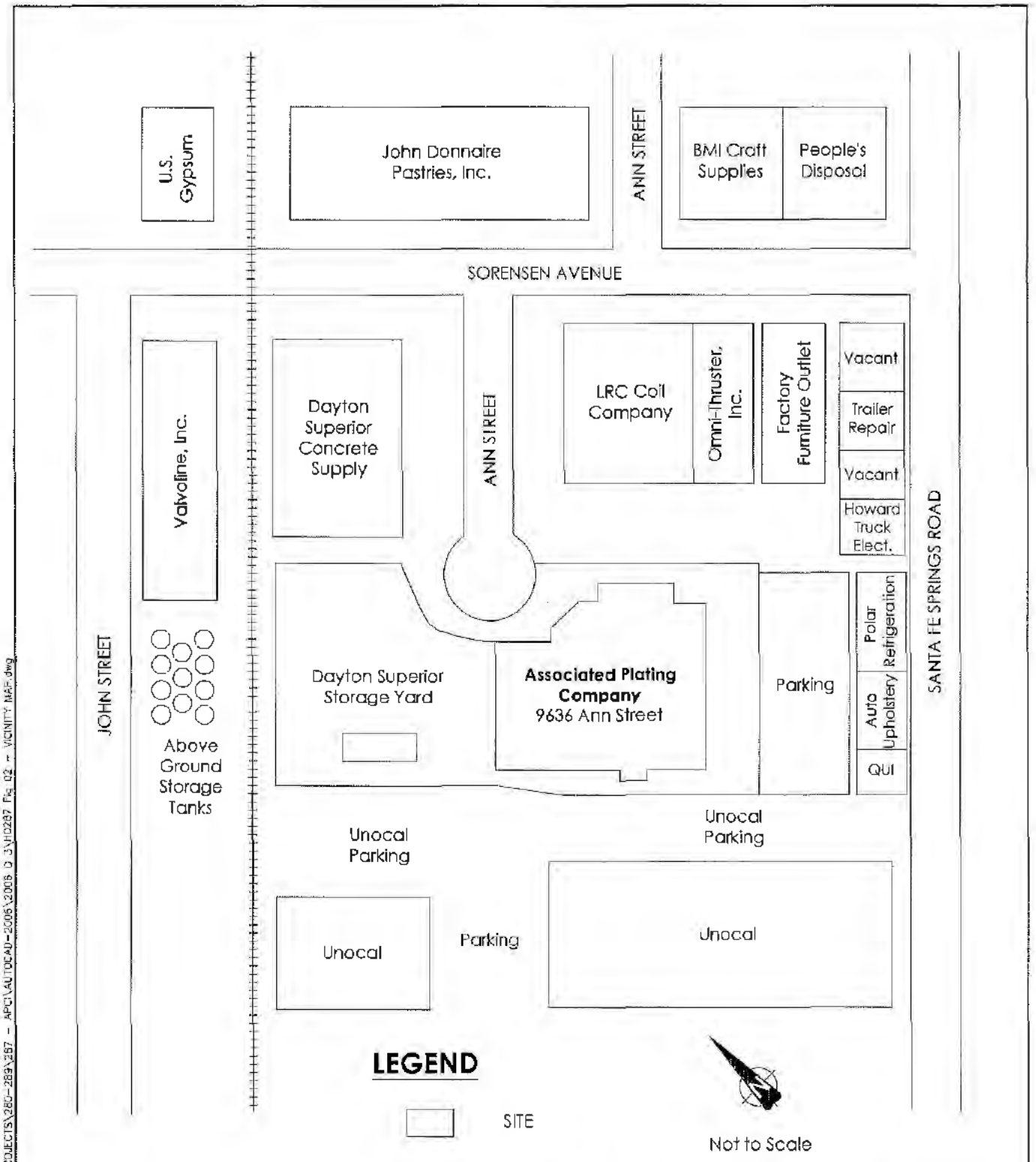
Approximate Scale in Feet

ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

WorleyParsons Komex
resources & energy

SITE LOCATION MAP

DRAWN BY	EDITED BY	DATE
JH	JH	10/2006
APPROVED		
LP		1



ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

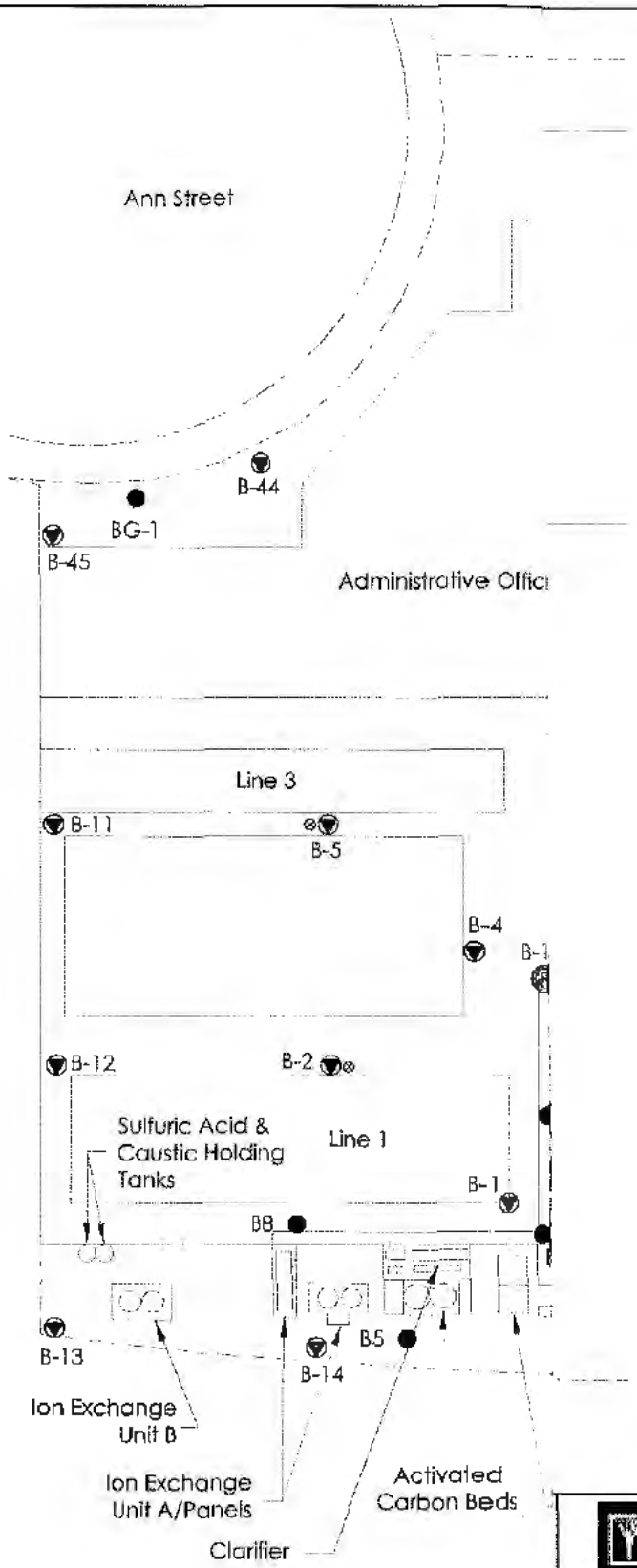
WorleyParsons Komex
resources & energy

DRAWN BY:	EDITED BY:	DATE:
JH	JH	10/2006

SITE VICINITY MAP

APPROVED:	
LP	2

Date: 10/11/2006 Filename: K:\H2O PROJECTS\285-289\287 - APC\AUTOCAD-2006\2006 D 3\H0287 Fig 02 - VICINITY MAP.dwg



LEGEND

- WORLEYPARSONS KOMEX 2006 SOIL BOREHOLE LOCATION
- KOMEX 2004 SOIL BOREHOLE LOCATION
- URS SOIL BOREHOLE LOCATION
- WORLEYPARSONS KOMEX 2006 SOIL GAS SAMPLING LOCATION
- KOMEX 2004 SOIL GAS SAMPLING LOCATION
- WORLEYPARSONS KOMEX 2006 MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION FOR METALS ANALYSIS

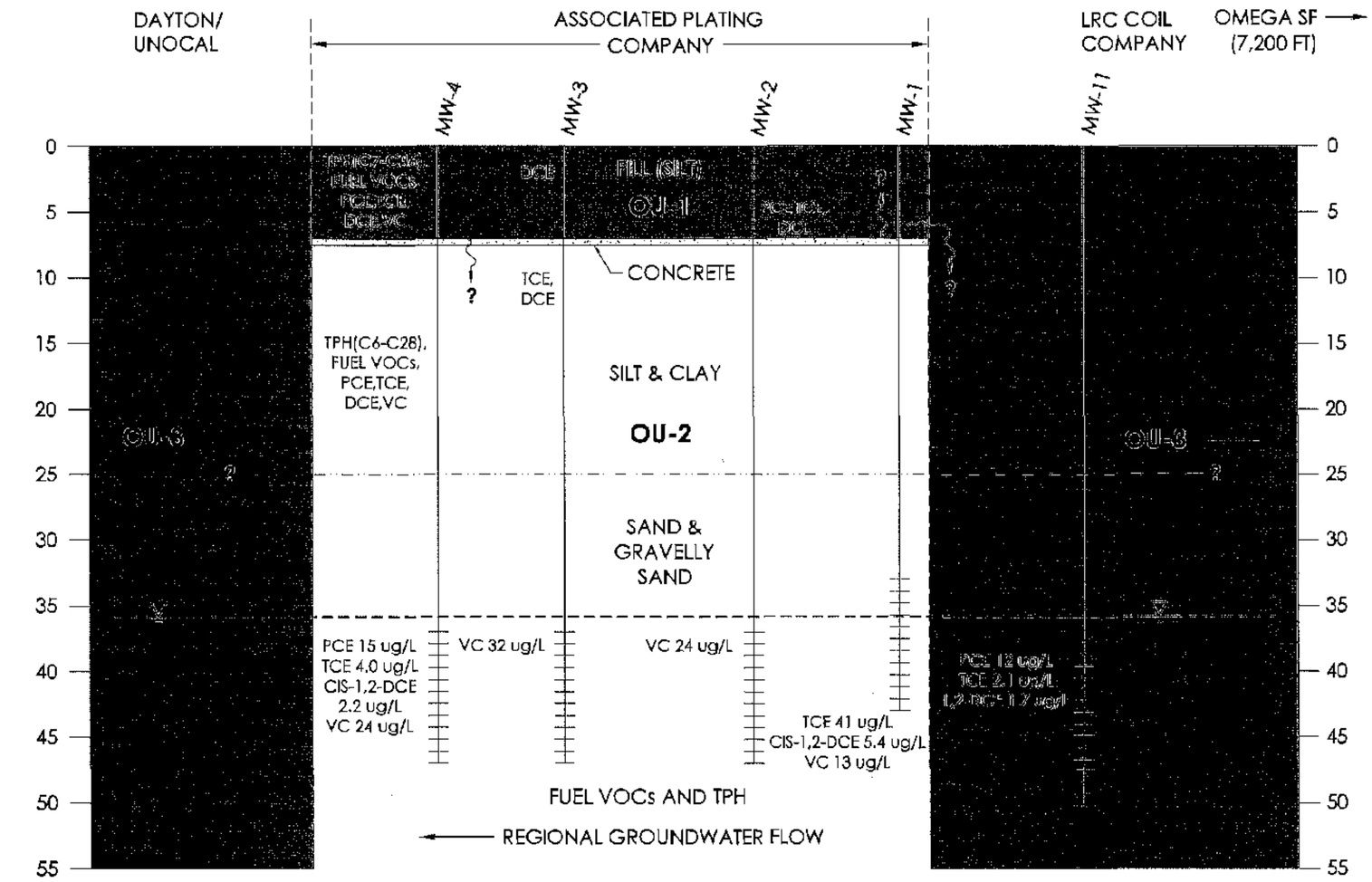
NOTE
1) ALL LOCATIONS ARE APPROXIMATE

WorleyParsons Komex
resources & energy

DRAWN BY:	EDITED BY:	DATE:
JH	JH	10/2006
APPROVED: LP		3

EHOLE CATIONS

Date: 10/09/2006 Filename: X:\N20 PROJECTS\280-289\287 - APD\AUTOCAD-2006\2006 Q 3\N0287 Fig 03 - MW LOCATIONS.dwg



LEGEND

- OU-1 (OPERABLE UNIT 1)
- OU-2 (OPERABLE UNIT 2)
- OU-3 (OPERABLE UNIT 3)
- POTENTIAL MIGRATION PATHWAYS
- WATER TABLE SURFACE
- LITHOLOGIC CONTACT
- GROUNDWATER MONITORING WELL SCREENED INTERVAL

NOTES
1) ALL LOCATIONS ARE APPROXIMATE
2) TPH = TOTAL PETROLEUM HYDROCARBONS
3) VOCs = VOLATILE ORGANIC COMPOUNDS
4) PCE = TETRACHLOROETHENE
5) TCE = TRICHLOROETHENE
6) DCE = DICHLOROETHENE
7) 1,2-DCE = 1,2-DICHLOROETHENE
8) VC = VINYL CHLORIDE
9) ND = COMPOUND NOT DETECTED
10) FT BGS = FEET BELOW GROUND SURFACE
11) ug/L = MICROGRAMS PER LITER

ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CALIFORNIA

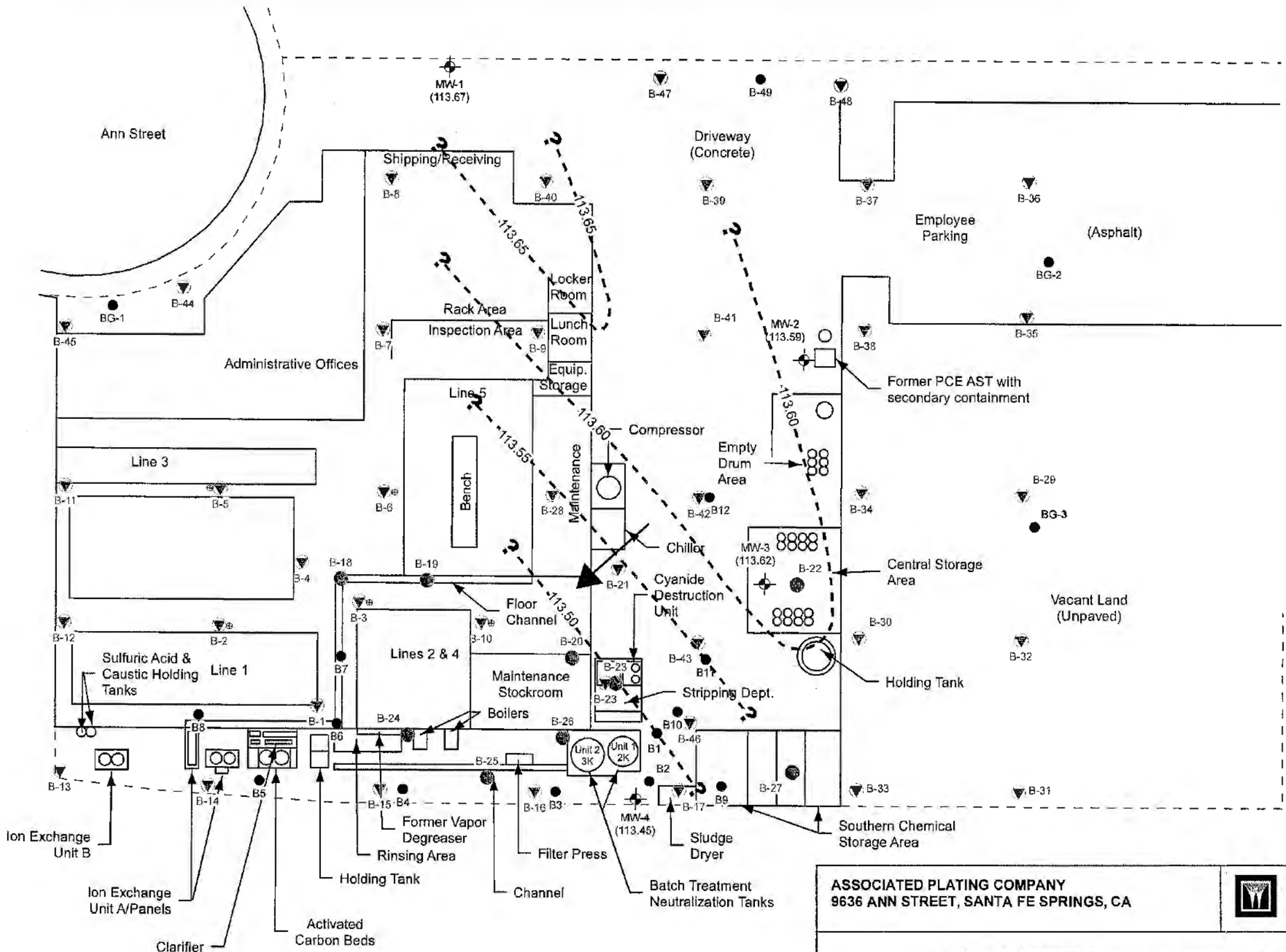
WorleyParsons Komex
resources & energy

SITE CONCEPTUAL MODEL AND PROPOSED OPERABLE UNITS

DRAWN BY:	EDITED BY:	DATE:
JH	JH	6/2007

APPROVED: LP

4

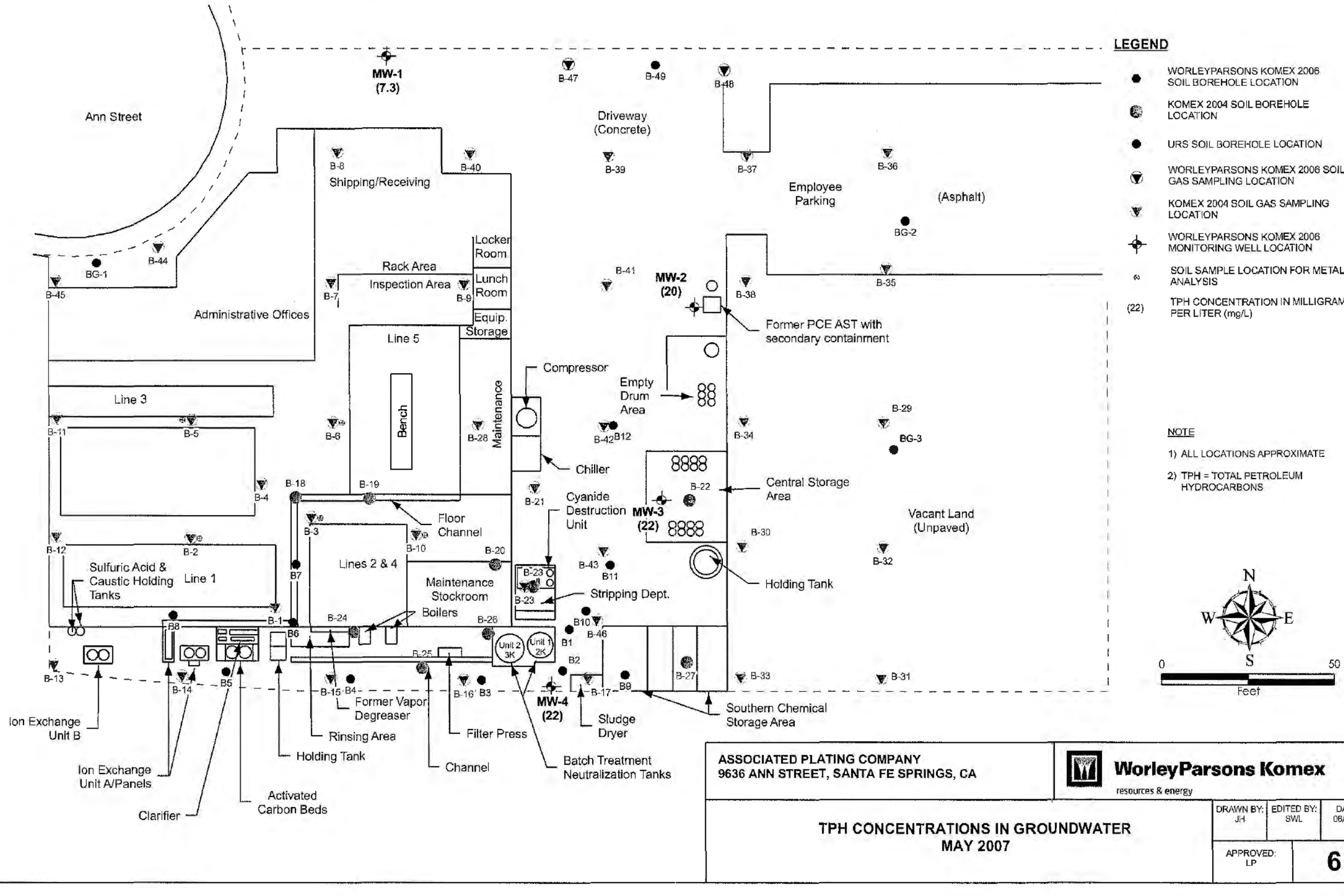


ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CA

WorleyParsons Komex
resources & energy

POTENTIOMETRIC SURFACE CONTOUR MAP
(MAY 16, 2007)

DRAWN BY: JH	EDITED BY: SWL	DATE: 06/2007
APPROVED: LP		5

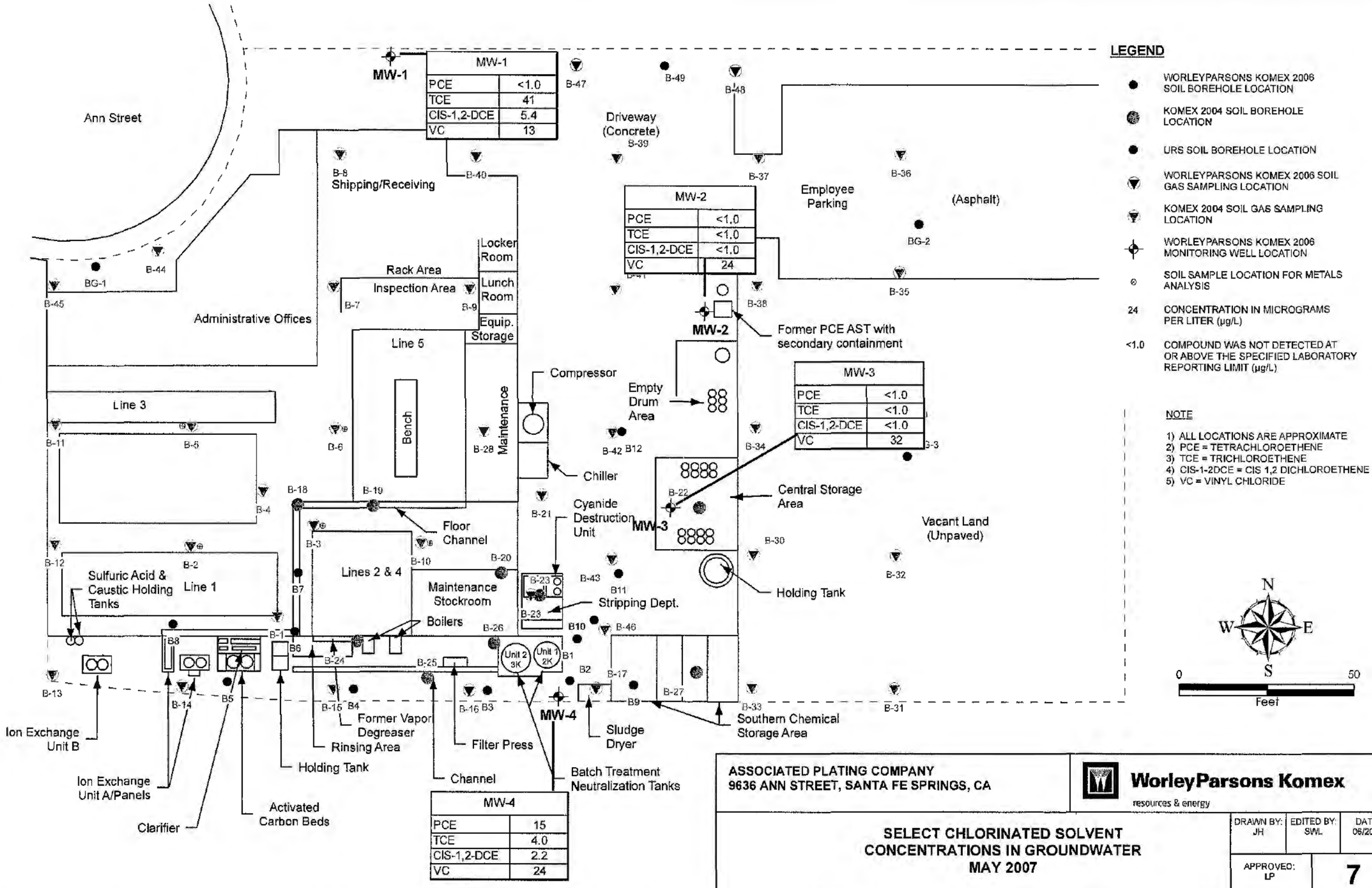


ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CA

WorleyParsons Komex
resources & energy

TPH CONCENTRATIONS IN GROUNDWATER
MAY 2007

DRAWN BY: JH	EDITED BY: SWL	DATE: 06/2007
APPROVED: LP		6



ASSOCIATED PLATING COMPANY
9636 ANN STREET, SANTA FE SPRINGS, CA

WorleyParsons Komex
resources & energy

SELECT CHLORINATED SOLVENT CONCENTRATIONS IN GROUNDWATER MAY 2007

DRAWN BY:	EDITED BY:	DATE:
JH	SWL	06/2007

APPROVED: LP

Appendix 1 Monitoring Well Sampling Forms

WorleyParsons Komex
resources & energy

FLUID LEVEL MEASUREMENTS

STAFF: LP & RH
DATE: 5/16/07
LOCATION: APC, 9632 Alden St, South El Springs, CA
DAY: S S M T (W) T F
SITE CONDITONS / WEATHER: overcast
PROJECT NAME: APC I
OTHER:
PROJECT / TASK NUMBER: H0357002
DATUM: (ie. Feet MSL, benchmark etc.): Feet MSL
Instrument: Solinst

Time	Well No.	Measuring Pt. Elev.[1] Feet	Depth Measurements (Feet below measuring point) To Product	To Water	To Bottom	Product Thickness Feet	Water Elevation[1] Feet	Comments Conditions of well box, water in box, lack of measuring point, etc.
8:35	MW-1		—	33.36				good
8:40	MW-2		—	35.52				↓
8:45	MW-3		sheen	37.05				
8:55	MW-4		slight sheen	37.32				

REQUIRED ACTIONS:

PREPARED BY: LP & [illegible] REVIEWED BY: DISTRIBUTED TO:

[1] Indicate if Elevations are relative to MSL or other datum (ie. Feet MSL)

WorleyParsons Komex
resources & energy
5455 GARDEN GROVE BLVD., SECOND FLOOR
WESTMINSTER, CA 92683-8201, USA
TEL: 714.379.1157 FAX: 714.379.1160

MONITORING WELL SAMPLING FORM

Project Name: APCI	Date: 5/16/07
Project No.: H025700X0	Time: 9:30
Employee Name: LP + RH	Page 1 of 1

WELL CONSTRUCTION DETAILS		WELL NO: MW-1	
DATES	Casing Type: PVC	Screen Type: PVC	
Constructed:	Diameter: 2"	Diameter: 2"	
Developed:	Length:	Length:	
Last Sampled:	T.D.: 43	Slot Size:	

LOCATION SKETCH:

See site map

WELL CONDITION: good	Water Depth: 33.36	
G.S. Elev.:	Water Depth:	S.P. Thickness:
T.C. Elev.:	Water Column: 9.74	Water Odor:
W.L. Elev.:	Casing Volume: 1.56	Turbidity:

Note: 2" = 0.16 g/ft; 4" = 0.65 g/ft; and 6" = 1.5 g/ft

Well Purging Method: Grundfos pump Purge Vol.: 4.7

WELL PURGING AND RECOVERY ANALYSIS: °C, µS/cm, mg/L

Time	W.L.	Purge Rate	Vol.	Temp.	pH	Conduct.	Turbid.	D.O.	ORP	Sample No.	REMARKS
9:30	[illegible]		.25	22.46	6.78	1.955	999	1.79			
9:32			1.25	22.60	6.71	1.858	181	0.13			
9:34	33.35		2.5	22.64	6.70	1.855	60.5	0.16			
9:36	33.33		3	22.83	6.70	1.851	170	0.19			
9:38			3.5	22.80	6.71	1.831	160	0.12			
9:40	33.40		4.0	22.89	6.71	1.826	158	0.12			
9:42			4.7	23.09	6.71	1.825	120	0.11			
9:45	33.3										

SAMPLING INFORMATION:

Sample No.	Time	Sampling Method	Container	Analysis Required
MW-51607	9:50	dip bailer	12 Evoas	8260 + TPH carbon range
EB-51607	10:00			
FB-51607	10:30			
TB-51607	—			

ADDITIONAL INFORMATION:

50% recovery = 35.21

WorleyParsons Komex
resources & energy

5455 GARDEN GROVE BLVD., SECOND FLOOR
WESTMINSTER, CA 92683-8201, USA
TEL.: 714.379.3157 FAX.: 714.379.3160

MONITORING WELL SAMPLING FORM

Project Name: APCI	Date: 5/16/07
Project No.: HO287D020	Time: 10:15
Employee Name: LP / RP	Page 1 of 1

WELL CONSTRUCTION DETAILS		WELL NO: MW-2	
DATES	Casing Type: PVC	Screen Type: PVC	
Constructed:	Diameter: 2"	Diameter: 2"	
Developed:	Length:	Length:	
Last Sampled:	T.D.: 47	Slot Size:	

LOCATION SKETCH:

See site map

WELL CONDITION: Good	Water Depth: 35.83	
G.S. Elev.:	Water Depth:	F.P. Thickness:
T.C. Elev.:	Water Column: 11.17	Water Odor:
W.L. Elev.:	Casing Volume: 1.79	Turbidity:

Note: 2" = 0.16 g/ft; 4" = 0.65 g/ft; and 6" = 1.5 g/ft

Well Purging Method: monsoon pump Purge Vol.: 5.4

WELL PURGING AND RECOVERY ANALYSIS:

Time	W.L.	Purge Rate	Vol.	Temp.	pH	Conduct.	Turbid.	D.O.	ORP	Sample No.	REMARKS
10:20		0.5gpm	0.25	22.30	6.99	1.41	0.35	0.56	-190.4		
10:21		0.75	1.25	22.89	7.00	1.53	40.9	0.15	-233.6		
10:22	36.20	~1.25gpm	2.5	22.94	7.01	1.56	20	0.37	-229.3		
10:24			3.25	23.00	6.98	1.56	0	0.15	-230.5		
10:26	35.54		4.5	22.99	6.96	1.58	6	0.13	-243.5		
10:27			5.00	23.0	6.94	1.59	0	0.12	-243.6		
10:28		~0.5gpm	5.5	23.0	6.94	1.58	0	0.15	-242.9		
	35.35										

SAMPLING INFORMATION:

Sample No.	Time	Sampling Method	Container	Analysis Required
MW-2-516-07	10:30	disp bailer	1L Poly	8260 + TPH carbon range

ADDITIONAL INFORMATION:

80% recovered = 35.01 WL

WorleyParsons Komex
resources & energy

5455 GARDEN GROVE BLVD., SECOND FLOOR
WESTMINSTER, CA 92683-8201, USA
TEL: 714.379.1157 FAX: 714.379.1160

MONITORING WELL SAMPLING FORM

Project Name: APCI	Date: 5/16/07
Project No.: H0257D020	Time: 10:40
Employee Name: LP + RH	Page 1 of 1

WELL CONSTRUCTION DETAILS		WELL NO: MW-3	
DATES	Casing Type: PVC	Screen Type: PVC	
Constructed:	Diameter: 2"	Diameter: 2"	
Developed:	Length:	Length:	
Last Sampled:	T.D.: 47	Slot Size:	

LOCATION SKETCH:

See site map

WELL CONDITION: good	Water Depth: 37.05	
G.S. Elev.:	Water Depth:	F.P. Thickness:
T.C. Elev.:	Water Column: 9.95	Water Odor:
W.L. Elev:	Casing Volume: 1.59	Turbidity:
Note: 2" = 0.16 g/ft; 4" = 0.65 g/ft; and 6" = 1.5 g/ft		

Well Purging Method: monsoon pump Purge Vol.: 4.8

WELL PURGING AND RECOVERY ANALYSIS: °C mS/cm mg/L

Time	W.L.	Purge Rate	Vol.	Temp.	pH	Conduct.	Turbid.	D.O.	ORP	Sample No.	REMARKS
10:52		1 gpm	0.25	22.37	6.96	1.61	178	0.38	-187.5		
10:54	37.37	"	1.5	22.48	6.95	1.55	363	0.40	-198.7		
10:55			2.25	22.57	6.95	1.61	91.8	0.2	-209.2		
10:56	32.35		3.00	22.62	6.95	1.63	43.5	0.13	-217.2		
10:57	37.33		4.10	22.75	6.95	1.64	43.5	0.11	-221.1		
10:59			5.00	22.76	6.94	1.64	13.0	0.09	-223.7		
	37.37										

SAMPLING INFORMATION:

Sample No.	Time	Sampling Method	Container	Analysis Required
MW3-516.07	11:05	bailer	1L + VOAs	5260 + TPH (motor oil)

ADDITIONAL INFORMATION:

80% recovery = 39.64

WorleyParsons Komex
resources & energy
5485 GARDEN GROVE BLVD., SECOND FLOOR
WESTMINSTER, CA 92683-8201, USA
TEL: 714.379.3167 FAX: 714.379.3160

MONITORING WELL SAMPLING FORM

Project Name: APCE	Date: 5/16/07
Project No.: HC287D020	Time: 11:25
Employee Name: ZPTRH	Page 1 of 1

WELL CONSTRUCTION DETAILS			WELL NO: MW-1
DATES	Casing Type:	PVC	Screen Type: PVC
Constructed:	Diameter:	2"	Diameter: 2"
Developed:	Length:		Length:
Last Sampled:	T.D.:	47	Slot Size:

LOCATION SKETCH:

See Site Map

WELL CONDITION:		Water Depth: 37.32	
G.S. Elev.:	Water Depth:		S.P. Thickness:
T.C. Elev.:	Water Column:	9.68	Water Odor:
W.L. Elev:	Casing Volume:	1.55	Turbidity:

Note: 2" = 0.16 g/ft; 4" = 0.65 g/ft; and 6" = 1.3 g/ft

Well Purging Method: Monsoon pump Purge Vol.: 4.6

WELL PURGING AND RECOVERY ANALYSIS: °C ms/cm mg/L

Time	W.L.	Purge Rate	Vol.	Temp.	pH	Conduct.	Turbid.	D.O.	ORP	Sample No.	REMARKS
11:26			0.25	21.99	7.13	1.255	62.8	0.25	-187.4		
11:29	37.40	~1gpm	1.1	22.35	7.13	1.43	90.8	0.19	-316.5		
11:30			2.1	22.50	7.13	1.48	32.9	0.15	-297.5		
11:31	37.33		3.1	22.57	7.13	1.50	27.0	0.14	-312.9		
11:36			4.1	22.75	7.11	1.51	12.6	0.17	-316.4		
11:38	37.55		4.6	22.71	7.03	1.548	37.8	0.56	-232		
11:39			4.8	22.71	7.01	1.557	33.4	0.10	-236		
11:41			6	22.72	7.00	1.56	15.3	0.07	-235.2		
11:49	37.32										

SAMPLING INFORMATION:

Sample No.	Time	Sampling Method	Container	Analysis Required
MW4-51607	11:50	disp. bailer	1L HDPE	8260 + TPH carbon range

ADDITIONAL INFORMATION:

50% recovery = 39.25 ft

Static level = 29.68 ft

Appendix 2 Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD048079110		1 800 274 5263	282720525AJE

5. Generator's Name and Mailing Address
ASSOCIATED PLATING
9536 ANN STREET
SANTA FE SPRINGS, CA 90670
Generator's Phone: 562-946-5525 ATTN:

Generator's Site Address (if different than mailing address)
ASSOCIATED PLATING CO ATTN MICHAEL EVANS
9536 ANN ST
SANTA FE SPRINGS, CA 90670

6. Transporter 1 Company Name — U.S. EPA ID Number
ASHLAND INC. — OHD042611209

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
SIEMENS WATER TECHNOLOGIES
5375 SOUTH BOYLE AVE
LOS ANGELES, CA 90058
Facility's Phone: 323-277-1500
CAD097030998

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON DOT REGULATED MATERIAL	2	DM	110	G
	2.				
	3.				
	4.				

14. Special Handling Instructions and Additional Information
33-19206 NON-HAZ GROUNDWATER DM 9172800, 535097
D101020 R554487

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

GENERATOR

Generator's/Offeror's Printed/Typed Name: Kenneth Gerges Heilmer — Signature: [signature] — Month: 6 — Day: 8 — Year: 07

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRED RAMIREZ — Signature: [signature] — Month: 06 — Day: 08 — Year: 07

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. (Management Method Codes)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Mads Hansen — Signature: [signature] — Month: 06 — Day: 13 — Year: 07

ESNHW1 (8/06)

Appendix 2 Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD043079110		1 800 274 5263	282720525AJE

GENERATOR

5. Generator's Name and Mailing Address
ASSOCIATED PLATING
9636 ANN STREET
SANTA FE SPRINGS, CA 90670
Generator's Phone: 562-946-6525 ATTN:

Generator's Site Address (if different than mailing address)
ASSOCIATED PLATING CO ATTN MICHAEL EVANS
9636 ANN ST
SANTA FE SPRINGS, CA 90670

6. Transporter 1 Company Name
ASHLAND INC.
U.S. EPA ID Number
OHD042311209

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
SIEMENS WATER TECHNOLOGIES
5375 SOUTH BOYLE AVE
LOS ANGELES, CA 90058
Facility's Phone: 323-277-1500
U.S. EPA ID Number
CAD037020993

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON DOT REGULATED MATERIAL	2	DM	110	G
	2.				
	3.				
	4.				

14. Special Handling Instructions and Additional Information
33-19208 NON-HAZ GROUNDWATER DM R172800, 536037

D101020 RS54487

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Generator's/Offeror's Printed/Typed Name: Ken Hergesheimer
Signature:
Month: 6 Day: 8 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRED RAMIREZ
Signature:
Month: 06 Day: 08 Year: 07

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. (Management Method Codes)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Mads Hansen
Signature: Mads Hansen
Month: 06 Day: 13 Year: 07

ESNHW1 (8/06)

Appendix 3 Laboratory Analytical Report

SIERRA
ANALYTICAL

25 May 2007

Lee Paprocki
Worley Parsons Komex
3901 Via Oro Avenue, Suite 100
Long Beach, CA 90810-1800

RE:APC

Work Order No.: 0705378

Attached are the results of the analyses for samples received by the laboratory on 05/16/07 13:55.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS), Environmental Laboratory Accreditation Program (ELAP) No. 2320.

26052 Merit Circle Suite 105, Laguna Hills, California 92653
Telephone: (949) 348-9389 Fax: (949) 348-9115
E-Mail: sierralabs@earthlink.net

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-51607	0705378-01	Liquid	05/16/07 09:50	05/16/07 13:55
MW2-51607	0705378-02	Liquid	05/16/07 10:30	05/16/07 13:55
MW3-51607	0705378-03	Liquid	05/16/07 11:05	05/16/07 13:55
MW4-51607	0705378-04	Liquid	05/16/07 11:50	05/16/07 13:55
EB-51607	0705378-05	Liquid	05/16/07 10:00	05/16/07 13:55
FB-51607	0705378-06	Liquid	05/16/07 10:05	05/16/07 13:55
TB-51607	0705378-07	Liquid	05/16/07 00:00	05/16/07 13:55

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 4 °C, and accompanied by chain of custody documentation.
PRESERVATION:	Samples requiring preservation were verified prior to sample preparation and analysis.
HOLDING TIMES:	All holding times were met, unless otherwise noted in the report with data qualifiers.
QA/QC CRITERIA:	All quality objective criteria were met, except as noted in the report with data qualifiers.

26052 MERIT CIRCLE SUITE 105, LAGUNA HILLS, CALIFORNIA 92653
TELEPHONE: (949) 348-9389 FAX: (949) 348-9115
E-MAIL: SIERRALABS @ SIERRALABS.NET

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Total Petroleum Hydrocarbons Carbon Range Analysis by GC-FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-51607 (0705378-01) Liquid	**Sampled: 05/16/07 09:50**	**Received: 05/16/07 13:55**							
HC < C8	ND	0.010	mg/L	1	B7E2330	05/22/07	05/22/07	EPA 8015B	
C8 <= HC < C9	ND	0.010	"	"	"	"	"	"	
C9 <= HC < C10	**0.030**	0.010	"	"	"	"	"	"	
C10 <= HC < C11	**0.096**	0.010	"	"	"	"	"	"	
C11 <= HC < C12	**0.20**	0.010	"	"	"	"	"	"	
C12 <= HC < C14	**0.79**	0.010	"	"	"	"	"	"	
C14 <= HC < C16	**0.87**	0.010	"	"	"	"	"	"	
C16 <= HC < C18	**0.79**	0.010	"	"	"	"	"	"	
C18 <= HC < C20	**0.60**	0.010	"	"	"	"	"	"	
C20 <= HC < C24	**1.4**	0.010	"	"	"	"	"	"	
C24 <= HC < C28	**1.7**	0.010	"	"	"	"	"	"	
C28 <= HC < C32	**0.78**	0.010	"	"	"	"	"	"	
HC >= C32	**0.040**	0.010	"	"	"	"	"	"	
Total Petroleum Hydrocarbons (C7-C36)	**7.3**	0.050	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*125 %*	*60-175*		"	"	"	"	
MW2-51607 (0705378-02) Liquid	**Sampled: 05/16/07 10:30**	**Received: 05/16/07 13:55**							
HC < C8	ND	0.20	mg/L	20	B7E2330	05/22/07	05/23/07	EPA 8015B	
C8 <= HC < C9	ND	0.20	"	"	"	"	"	"	
C9 <= HC < C10	ND	0.20	"	"	"	"	"	"	
C10 <= HC < C11	ND	0.20	"	"	"	"	"	"	
C11 <= HC < C12	ND	0.20	"	"	"	"	"	"	
C12 <= HC < C14	**1.0**	0.20	"	"	"	"	"	"	
C14 <= HC < C16	**1.8**	0.20	"	"	"	"	"	"	
C16 <= HC < C18	**1.4**	0.20	"	"	"	"	"	"	
C18 <= HC < C20	**1.7**	0.20	"	"	"	"	"	"	
C20 <= HC < C24	**2.2**	0.20	"	"	"	"	"	"	
C24 <= HC < C28	**3.7**	0.20	"	"	"	"	"	"	
C28 <= HC < C32	**7.0**	0.20	"	"	"	"	"	"	
HC >= C32	**0.82**	0.20	"	"	"	"	"	"	
Total Petroleum Hydrocarbons (C7-C36)	**20**	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*%*	*60-175*		"	"	"	"	*S-03*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Total Petroleum Hydrocarbons Carbon Range Analysis by GC-FID

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW3-51607 (0705378-03) Liquid Sampled: 05/16/07 11:05 Received: 05/16/07 13:55									
HC < C8	ND	0.20	mg/L	20	B7E2330	05/22/07	05/23/07	EPA 8015B	
C8 <= HC < C9	ND	0.20	"	"	"	"	"	"	
C9 <= HC < C10	ND	0.20	"	"	"	"	"	"	
C10 <= HC < C11	ND	0.20	"	"	"	"	"	"	
C11 <= HC < C12	**0.40**	0.20	"	"	"	"	"	"	
C12 <= HC < C14	**2.5**	0.20	"	"	"	"	"	"	
C14 <= HC < C16	**2.5**	0.20	"	"	"	"	"	"	
C16 <= HC < C18	**1.8**	0.20	"	"	"	"	"	"	
C18 <= HC < C20	**2.0**	0.20	"	"	"	"	"	"	
C20 <= HC < C24	**2.9**	0.20	"	"	"	"	"	"	
C24 <= HC < C28	**3.7**	0.20	"	"	"	"	"	"	
C28 <= HC < C32	**5.9**	0.20	"	"	"	"	"	"	
HC >= C32	**0.66**	0.20	"	"	"	"	"	"	
Total Petroleum Hydrocarbons (C7-C36)	**22**	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*%*	*60-175*		"	"	"	"	*S-03*
MW4-51607 (0705378-04) Liquid Sampled: 05/16/07 11:50 Received: 05/16/07 13:55									
HC < C8	ND	0.20	mg/L	20	B7E2330	05/22/07	05/23/07	EPA 8015B	
C8 <= HC < C9	ND	0.20	"	"	"	"	"	"	
C9 <= HC < C10	ND	0.20	"	"	"	"	"	"	
C10 <= HC < C11	ND	0.20	"	"	"	"	"	"	
C11 <= HC < C12	**0.40**	0.20	"	"	"	"	"	"	
C12 <= HC < C14	**2.4**	0.20	"	"	"	"	"	"	
C14 <= HC < C16	**2.4**	0.20	"	"	"	"	"	"	
C16 <= HC < C18	**1.9**	0.20	"	"	"	"	"	"	
C18 <= HC < C20	**2.0**	0.20	"	"	"	"	"	"	
C20 <= HC < C24	**2.7**	0.20	"	"	"	"	"	"	
C24 <= HC < C28	**3.4**	0.20	"	"	"	"	"	"	
C28 <= HC < C32	**5.9**	0.20	"	"	"	"	"	"	
HC >= C32	**0.64**	0.20	"	"	"	"	"	"	
Total Petroleum Hydrocarbons (C7-C36)	**22**	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		*%*	*60-175*		"	"	"	"	*S-03*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-51607 (0705378-01) Liquid	**Sampled: 05/16/07 09:50**	**Received: 05/16/07 13:55**							
Benzene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/17/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.3**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.3**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**2.3**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-51607 (0705378-01) Liquid	**Sampled: 05/16/07 09:50**	**Received: 05/16/07 13:55**							
Naphthalene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/17/07	EPA 8260B	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**41**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**13**	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*86-118*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*88-110*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*		*86-115*	"	"	"	"	
MW2-51607 (0705378-02) Liquid	**Sampled: 05/16/07 10:30**	**Received: 05/16/07 13:55**							
Benzene	**2.6**	1.0	µg/L	1	B7E1706	05/17/07	05/17/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**14**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW2-51607 (0705378-02) Liquid	**Sampled: 05/16/07 10:30**	**Received: 05/16/07 13:55**							
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L	1	B7E1706	05/17/07	05/17/07	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**53**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**4.1**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.9**	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**3.7**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**24**	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW2-51607 (0705378-02) Liquid	**Sampled: 05/16/07 10:30**		**Received: 05/16/07 13:55**						
m,p-Xylene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/17/07	EPA 8260B	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*86-118*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*88-110*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*86-115*		"	"	"	"	
MW3-51607 (0705378-03) Liquid	**Sampled: 05/16/07 11:05**		**Received: 05/16/07 13:55**						
Benzene	**2.1**	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**16**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW3-51607 (0705378-03) Liquid Sampled: 05/16/07 11:05 Received: 05/16/07 13:55									
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**68**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**4.1**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.1**	1.0	"	"	"	"	"	"	
Naphthalene	**2.2**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**4.4**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	**1.5**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**32**	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*86-118*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*88-110*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*86-115*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW4-51607 (0705378-04) Liquid	**Sampled: 05/16/07 11:50**	**Received: 05/16/07 13:55**							
Benzene	**6.2**	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**15**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.7**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**78**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**4.0**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.5**	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW4-51607 (0705378-04) Liquid Sampled: 05/16/07 11:50 Received: 05/16/07 13:55									
Naphthalene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
n-Propylbenzene	**5.2**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**15**	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**4.0**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**24**	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*86-118*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*88-110*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*		*86-115*	"	"	"	"	
EB-51607 (0705378-05) Liquid Sampled: 05/16/07 10:00 Received: 05/16/07 13:55									
Benzene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EB-51607 (0705378-05) Liquid	**Sampled: 05/16/07 10:00**	**Received: 05/16/07 13:55**							
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.8**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	**1.9**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EB-51607 (0705378-05) Liquid Sampled: 05/16/07 10:00 Received: 05/16/07 13:55									
m,p-Xylene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*86-118*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88-110*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*86-115*		"	"	"	"	
FB-51607 (0705378-06) Liquid Sampled: 05/16/07 10:05 Received: 05/16/07 13:55									
Benzene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FB-51607 (0705378-06) Liquid Sampled: 05/16/07 10:05 Received: 05/16/07 13:55									
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*86-118*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88-110*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*86-115*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-51607 (0705378-07) Liquid Sampled: 05/16/07 00:00 Received: 05/16/07 13:55									
Benzene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-51607 (0705378-07) Liquid Sampled: 05/16/07 00:00 Received: 05/16/07 13:55									
Naphthalene	ND	1.0	µg/L	1	B7E1706	05/17/07	05/18/07	EPA 8260B	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*86-118*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88-110*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*86-115*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Total Petroleum Hydrocarbons Carbon Range Analysis by GC-FID - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E2330 - EPA 3510C Sep Funnel										
Blank (B7E2330-BLK1)				Prepared & Analyzed: 05/22/07						
HC < C8	ND	0.010	mg/L							
C8 <= HC < C9	ND	0.010	"							
C9 <= HC < C10	ND	0.010	"							
C10 <= HC < C11	ND	0.010	"							
C11 <= HC < C12	ND	0.010	"							
C12 <= HC < C14	ND	0.010	"							
C14 <= HC < C16	ND	0.010	"							
C16 <= HC < C18	ND	0.010	"							
C18 <= HC < C20	ND	0.010	"							
C20 <= HC < C24	ND	0.010	"							
C24 <= HC < C28	ND	0.010	"							
C28 <= HC < C32	ND	0.010	"							
HC >= C32	ND	0.010	"							
Total Petroleum Hydrocarbons (C7-C36)	ND	0.050	"							
Surrogate: o-Terphenyl	*0.153*		"	*0.100*		*153*	*60-175*			
LCS (B7E2330-BS1)				Prepared & Analyzed: 05/22/07						
Diesel Range Organics (C10-C24)	0.518	0.050	mg/L	0.500		104	80-120			
LCS (B7E2330-BS2)				Prepared & Analyzed: 05/22/07						
Diesel Range Organics (C10-C24)	0.490	0.050	mg/L	0.500		98.0	80-120			
LCS Dup (B7E2330-BSD1)				Prepared & Analyzed: 05/22/07						
Diesel Range Organics (C10-C24)	0.508	0.050	mg/L	0.500		102	80-120	1.95	30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E1706 - EPA 5030B P & T										
Blank (B7E1706-BLK1)				Prepared & Analyzed: 05/17/07						
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E1706 - EPA 5030B P & T										
Blank (B7E1706-BLK1)				Prepared & Analyzed: 05/17/07						
Isopropylbenzene	ND	1.0	µg/L							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Toluene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	1.0	"							
Surrogate: Dibromofluoromethane	*52.8*		"	*50.0*		*106*	*86-118*			
Surrogate: Toluene-d8	*49.2*		"	*50.0*		*98.4*	*88-110*			
Surrogate: 4-Bromofluorobenzene	*57.2*		"	*50.0*		*114*	*86-115*			
Blank (B7E1706-BLK2)				Prepared: 05/17/07 Analyzed: 05/18/07						
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E1706 - EPA 5030B P & T										
Blank (B7E1706-BLK2)				Prepared: 05/17/07 Analyzed: 05/18/07						
Carbon tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E1706 - EPA 5030B P & T										
Blank (B7E1706-BLK2)				Prepared: 05/17/07 Analyzed: 05/18/07						
Tetrachloroethene	ND	1.0	µg/L							
Toluene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	1.0	"							
Surrogate: Dibromofluoromethane	*51.9*		"	*50.0*		*104*	*86-118*			
Surrogate: Toluene-d8	*52.7*		"	*50.0*		*105*	*88-110*			
Surrogate: 4-Bromofluorobenzene	*57.0*		"	*50.0*		*114*	*86-115*			
LCS (B7E1706-BS1)				Prepared & Analyzed: 05/17/07						
Benzene	40.7	1.0	µg/L	50.0		81.4	80-120			
Chlorobenzene	57.1	1.0	"	50.0		114	80-120			
1,1-Dichloroethene	46.7	1.0	"	50.0		93.4	80-120			
Toluene	45.1	1.0	"	50.0		90.2	80-120			
Trichloroethene	47.1	1.0	"	50.0		94.2	80-120			
LCS (B7E1706-BS2)				Prepared & Analyzed: 05/17/07						
Benzene	43.3	1.0	µg/L	50.0		86.6	80-120			
Chlorobenzene	57.1	1.0	"	50.0		114	80-120			
1,1-Dichloroethene	47.9	1.0	"	50.0		95.8	80-120			
Toluene	45.3	1.0	"	50.0		90.6	80-120			
Trichloroethene	44.4	1.0	"	50.0		88.8	80-120			

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	**Reported:**
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sierra Analytical Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7E1706 - EPA 5030B P & T										
Matrix Spike (B7E1706-MS1)	**Source: 0705378-07**			Prepared: 05/17/07 Analyzed: 05/18/07						
Benzene	40.2	1.0	µg/L	50.0	ND	80.4	37-151			
Chlorobenzene	56.5	1.0	"	50.0	ND	113	37-160			
1,1-Dichloroethene	47.0	1.0	"	50.0	ND	94.0	50-150			
Toluene	44.5	1.0	"	50.0	ND	89.0	47-150			
Trichloroethene	50.4	1.0	"	50.0	ND	101	71-157			
Matrix Spike (B7E1706-MS2)	**Source: 0705377-09**			Prepared: 05/17/07 Analyzed: 05/18/07						
Benzene	40.3	1.0	µg/L	50.0	ND	80.6	37-151			
Chlorobenzene	58.2	1.0	"	50.0	ND	116	37-160			
1,1-Dichloroethene	46.0	1.0	"	50.0	ND	92.0	50-150			
Toluene	43.3	1.0	"	50.0	ND	86.6	47-150			
Trichloroethene	50.2	1.0	"	50.0	ND	100	71-157			
Matrix Spike Dup (B7E1706-MSD1)	**Source: 0705378-07**			Prepared: 05/17/07 Analyzed: 05/18/07						
Benzene	42.7	1.0	µg/L	50.0	ND	85.4	37-151	6.03	30	
Chlorobenzene	60.4	1.0	"	50.0	ND	121	37-160	6.67	30	
1,1-Dichloroethene	49.4	1.0	"	50.0	ND	98.8	50-150	4.98	30	
Toluene	47.0	1.0	"	50.0	ND	94.0	47-150	5.46	30	
Trichloroethene	54.0	1.0	"	50.0	ND	108	71-157	6.90	30	
Matrix Spike Dup (B7E1706-MSD2)	**Source: 0705377-09**			Prepared: 05/17/07 Analyzed: 05/18/07						
Benzene	36.0	1.0	µg/L	50.0	ND	72.0	37-151	11.3	30	
Chlorobenzene	50.2	1.0	"	50.0	ND	100	37-160	14.8	30	
1,1-Dichloroethene	40.8	1.0	"	50.0	ND	81.6	50-150	12.0	30	
Toluene	38.3	1.0	"	50.0	ND	76.6	47-150	12.3	30	
Trichloroethene	43.3	1.0	"	50.0	ND	86.6	71-157	14.8	30	

26052 Merit Circle Suite 105, Laguna Hills, California 92653
Telephone: (949) 348-9389 Fax: (949) 348-9115
E-Mail: sierralabs @ sierralabs.net

SIERRA ANALYTICAL

Worley Parsons Komex	Project: APC	
3901 Via Oro Avenue, Suite 100	Project Number: H0287D030	Reported:
Long Beach CA, 90810-1800	Project Manager: Lee Paprocki	05/25/07 09:04

Notes and Definitions

S-03	Surrogate diluted out.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SIERRA ANALYTICAL
TEL: 949•348•9389
FAX: 949•348•9115
26052 Merit Circle• Suite 105•Laguna Hills, CA•92653

CHAIN OF CUSTODY RECORD

Date: 5/16/07 Page 1 of 1

Lab Project No.: 0705328

Client: Work Parsons Kemex
Client Address: 3901 Via Oro Ave Suite 100
Long Beach, CA 90810

Client Tel. No.: 310 547 6400
Client Fax. No.: 310 547 6500
Client Proj. Mgr.: Lee Paprocki

Client Project ID: H0287D050/ARC

Turn Around Time Requested: ☐ Immediate ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 4 Day ☐ 5 Day ☑ Normal ☐ Mobile

Analysis Requested

Client Sample ID.	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers	8260 - Full VOCs ← no oxygenates	8015 - Carbon range extended										Field Point Names/ Comments
MW1-51607	01	5/16/07	9:50	GW	HCl	1L + VOAs	3	X	X										
MW2-51607	02		10:30			1L + VOAs	3	X	X										
MW3-51607	03		11:05			1L + VOAs	3	X	X										
MW4-51607	04		11:50			1L + VOAs	3	X	X										
EB-51607	05		10:00	W		VOAs	2	X											
FB-51607	06		10:05	W		VOAs	2	X											
TB-51607	07		—	W		VOAs	1	X											
	08																		

Geotracker EDD Info:
Client LOGCODE
Site Global ID

1 Sampler Signature: Lee Paprocki
Printed Name: Lee Paprocki
Shipped Via:
(Carrier/Waybill No.)

2 Relinquished By: Lee Paprocki Date: 5/16/07 Time: 1:55
Company: Work Parsons Kemex
Received By: John Stamps Date: 5/16/07 Time: 1:55
Company: Sierra

3 Relinquished By: John Stamps Date: 5/16/07 Time: 4:37
Company:
Received By: Date: 5/16/07 Time: 1637
Company: Sierra

4 Relinquished By: Date: Time:
Company:
Received By: Date: Time:
Company:

Special Instructions:
EDD to Susan Herrmann
bill to PO KP 15247

17 Total Number of Containers Submitted to Laboratory

17 Total Number of Containers Received by Laboratory

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under SIERRA's Terms and Conditions, unless otherwise agreed upon in writing between SIERRA and CLIENT.
* - Samples determined to be hazardous by SIERRA will be returned to CLIENT.

Sample Disposal:
☐ Return to Client
☑ Lab Disposal*
☐ Archive ____ mos.
☐ Other ____

FOR LABORATORY USE ONLY - Sample Receipt Conditions:

☒	Intact	☒	Chilled - Temp. (°C) 4.0°
☐	Sample Seals	☐	Preservatives - Verified By
☒	Properly Labelled	☐	Other
☒	Appropriate Sample Container	☒	Storage Location R34/R101

Rev: 102005

DISTRIBUTION: White - To Accompany Samples, Yellow - Laboratory Copy, Pink - Field Personnel Copy